FIG. 1

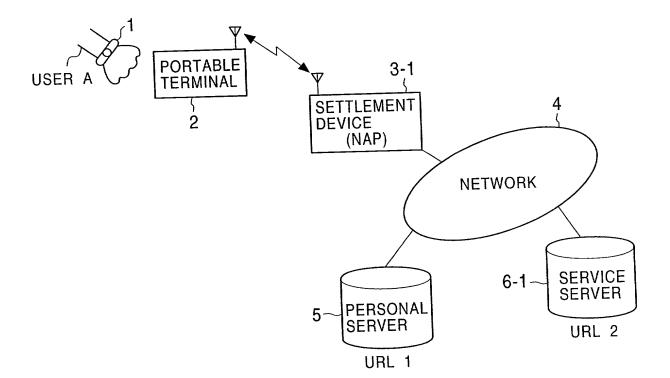


FIG. 2

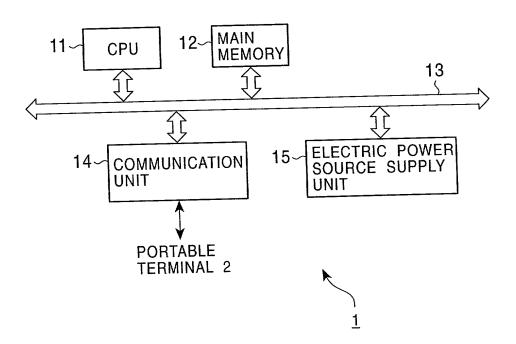


FIG. 3

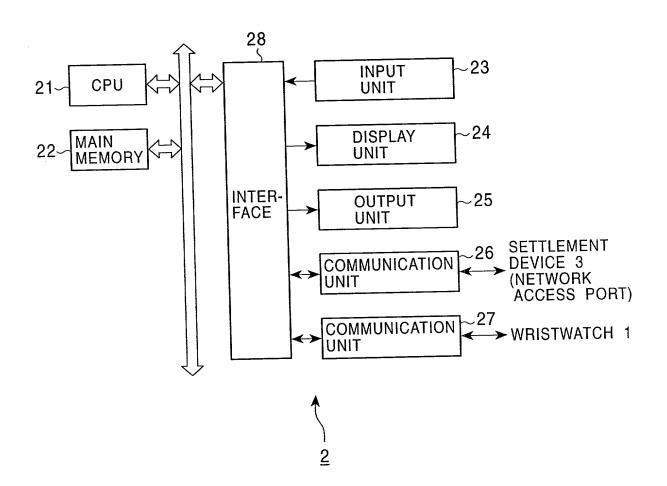


FIG. 4

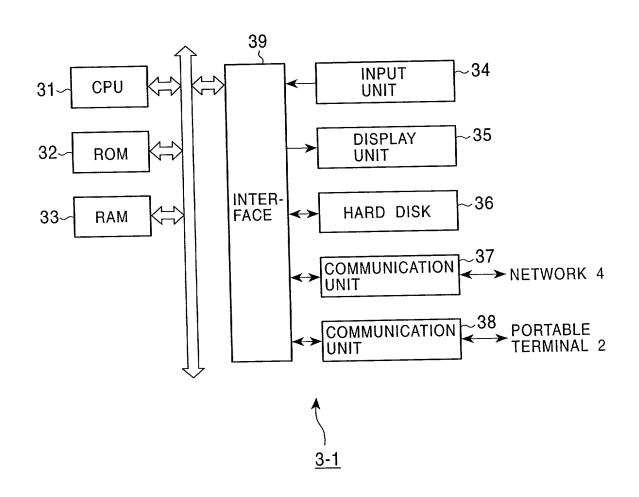


FIG. 5

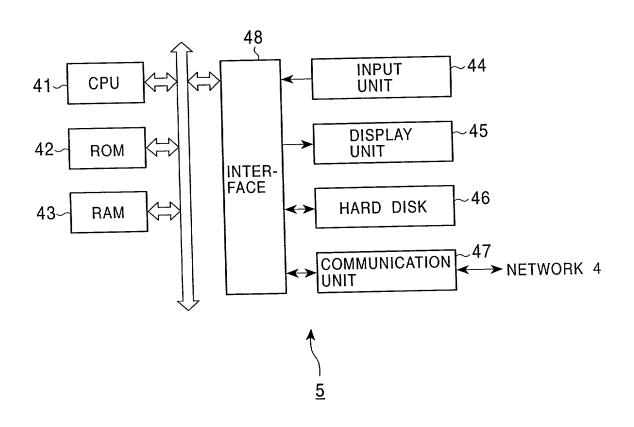


FIG. 6

#### START SETTLEMENT PROCESSING S1 SETTLEMENT DEVICE TRANSMITS URL 2. MONETARY AMOUNT OF PURCHASE, AND PAYMENT ID TO PORTABLE TERMINAL AND PORTABLE TERMINAL RECEIVES **S2** PORTABLE TERMINAL TRANSMITS URL 2, MONETARY AMOUNT OF PURCHASE, AND PAYMENT ID TO PERSONAL SERVER, AND REQUESTS CONNECTION TO SERVICE SERVER **S**3 ESTABLISH COMMUNICATION BETWEEN PERSONAL SERVER AND SERVICE SERVER S4 PERSONAL SERVER TRANSMITS URL 2. MONETARY AMOUNT OF PURCHASE, AND PAYMENT ID TO SERVICE SERVER, AND SERVICE SERVER RECEIVES **S5** SERVICE SERVER REQUESTS PERSONAL SERVER FOR USER VERIFICATION S6 USER VERIFICATION BY FACIAL PHOTOGRAPH S7 USER VERIFICATION BY VERIFICATION DATA S8 PAYMENT PROCESSING S9 SERVICE SERVER TRANSMITS PAYMENT ID TO SETTLEMENT DEVICE **S10** SETTLEMENT DEVICE RECOGNIZES COMPLETION OF PAYMENT PROCESSING **END**

FIG. 7

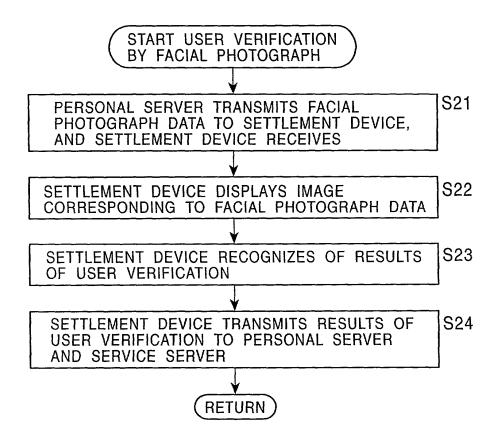


FIG. 8

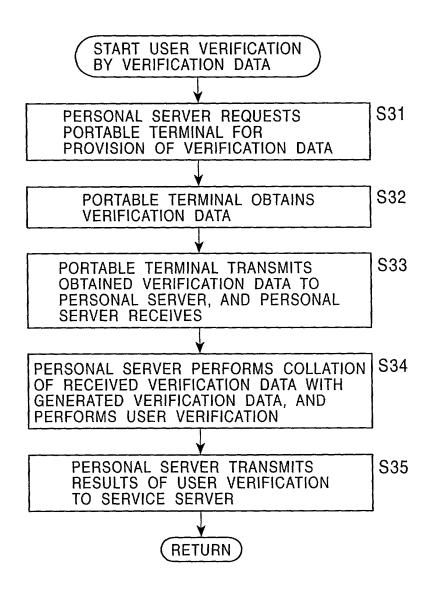
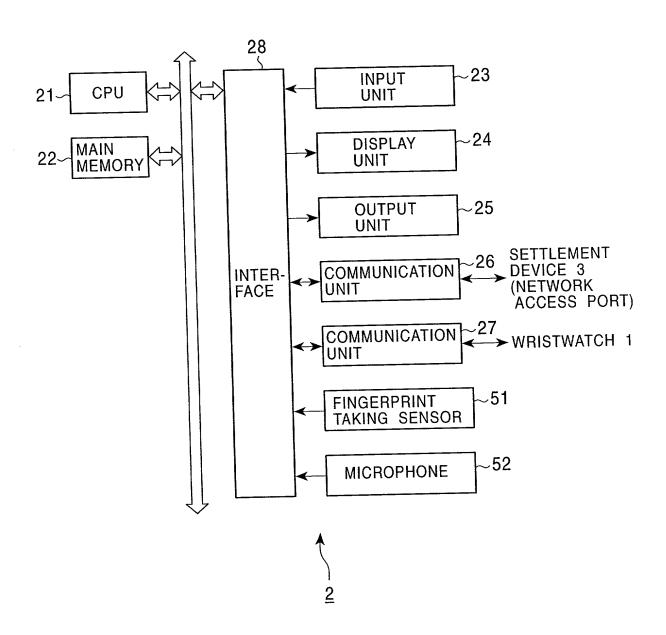


FIG. 9



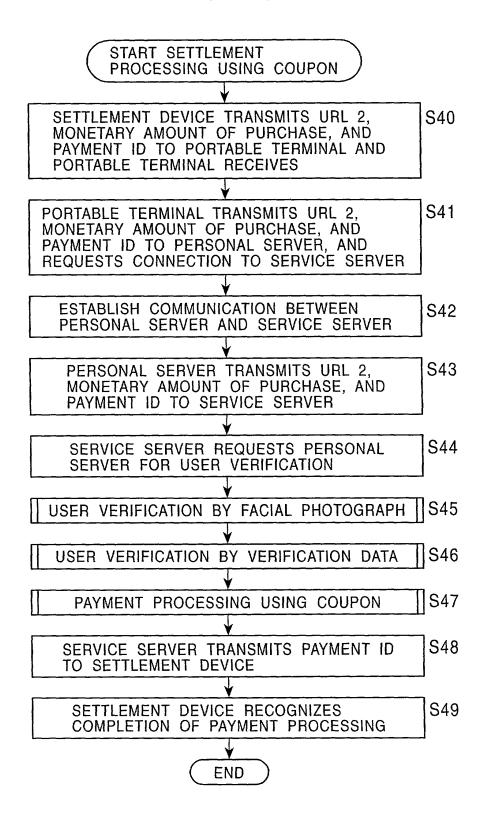


FIG. 11

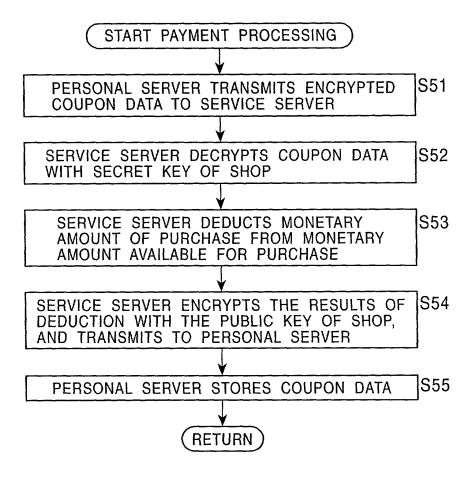


FIG. 12

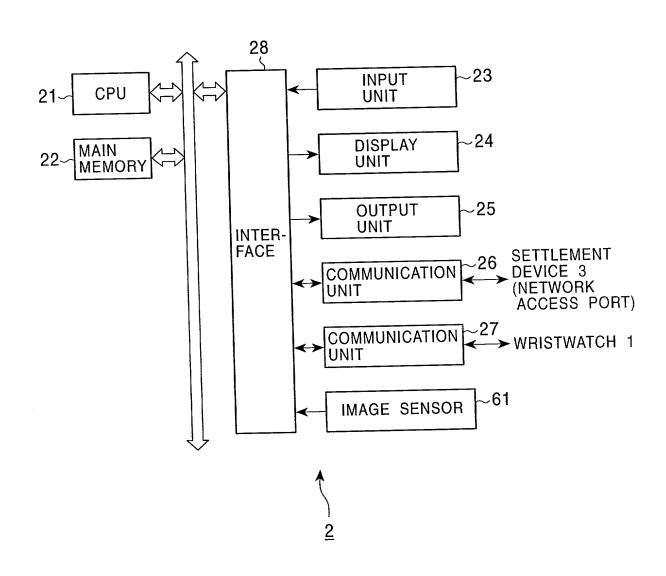


FIG. 13

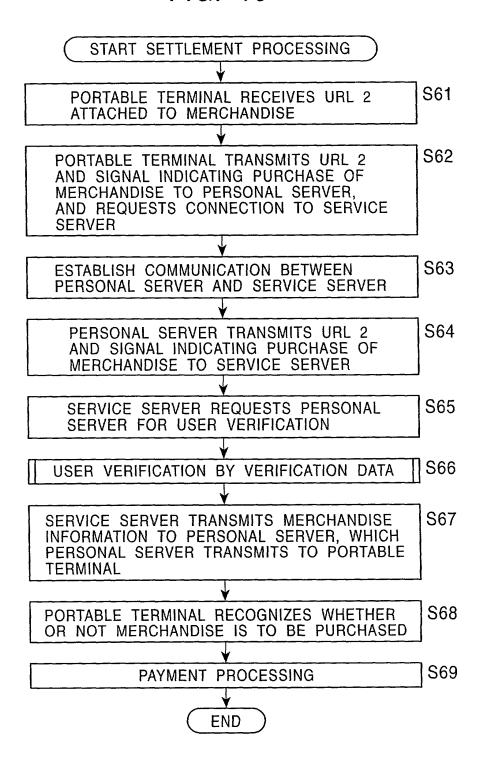


FIG. 14

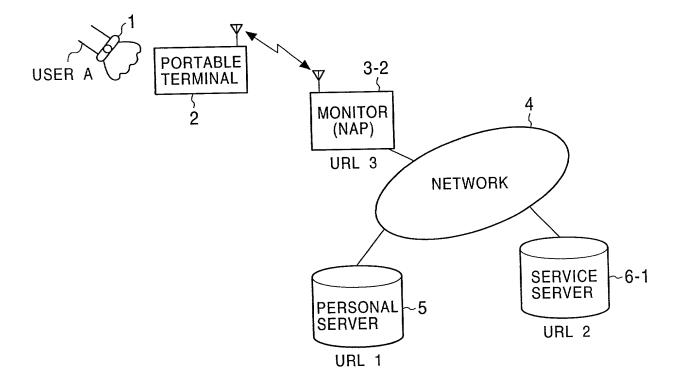


FIG. 15

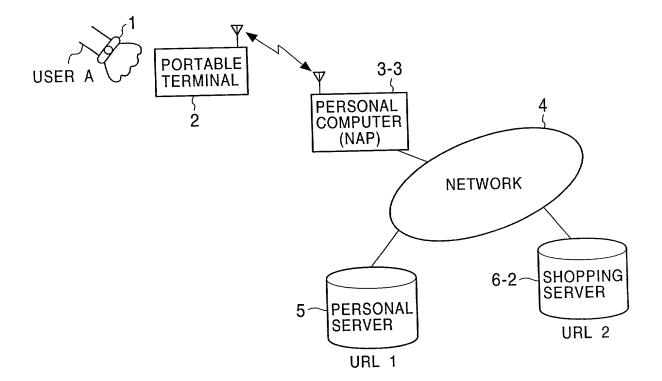


FIG. 16

START NETWORK SHOPPING PROCESSING	
· · · · · · · · · · · · · · · · · · ·	
COMPUTER ACCESSES SHOPPING SERVER	S81
<b>*</b>	
COMPUTER RECOGNIZES MERCHANDISE TO BE PURCHASED	S82
<u> </u>	•
COMPUTER TRANSMITS URL 2 OF MERCHANDIESE TO BE PURCHASED TO PORTABLE TERMINAL	S83
PORTABLE TERMINAL TRANSMITS URL 2 TO PERSONAL SERVER, AND REQUESTS CONNECTION TO SHOPPING SERVER MANAGING URL 2	S84
•	
ESTABLISH COMMUNICATION BETWEEN PERSONAL SERVER AND SHOPPING SERVER	S85
	-
PERSONAL SERVER TRANSMITS URL 2 TO SHOPPING SERVER, AND SHOPPING SERVER RECEIVES	S86
<u> </u>	-
SHOPPING SERVER REQUESTS PERSONAL SERVER FOR USER VERIFICATION	S87
	_
USER VERIFICATION BY VERIFICATION DATA	S88
<u> </u>	<b>.</b>
PAYMENT PROCESSING	S89
•	-
SHOPPING SERVER PERFORMS MERCHANDISE SHOPPING PROCESSING	S90
MENTAL STATE OF THE THEOLOGICA	ڶ
CHORDING SERVED TRANSMITS	7001
SHOPPING SERVER TRANSMITS PROCESSING CONTENTS TO COMPUTER, WHICH COMPUTER DISPLAYS	S91
END	

FIG. 17

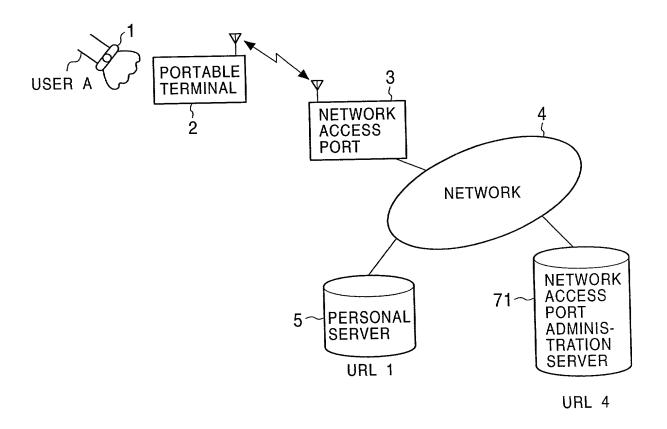


FIG. 18

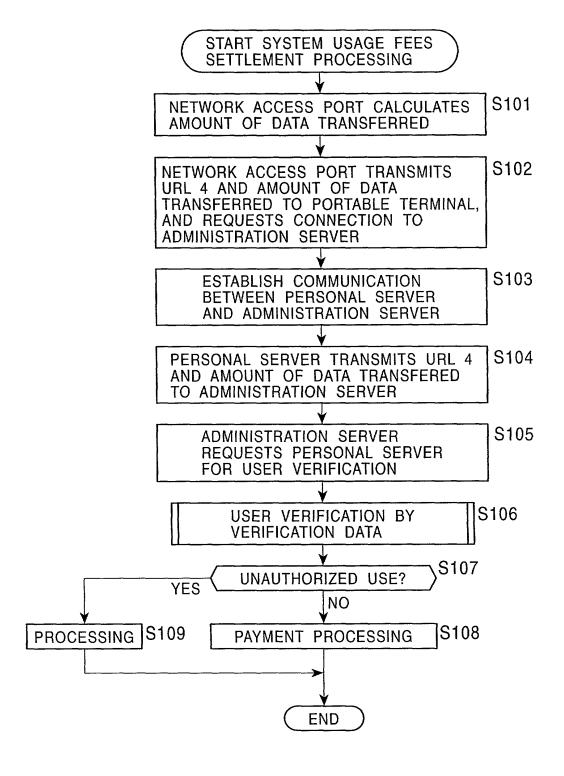
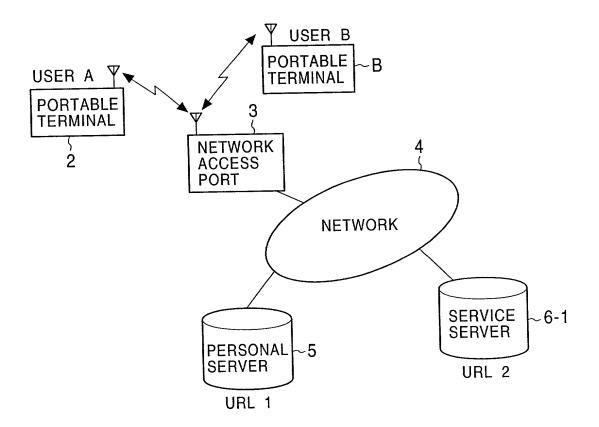
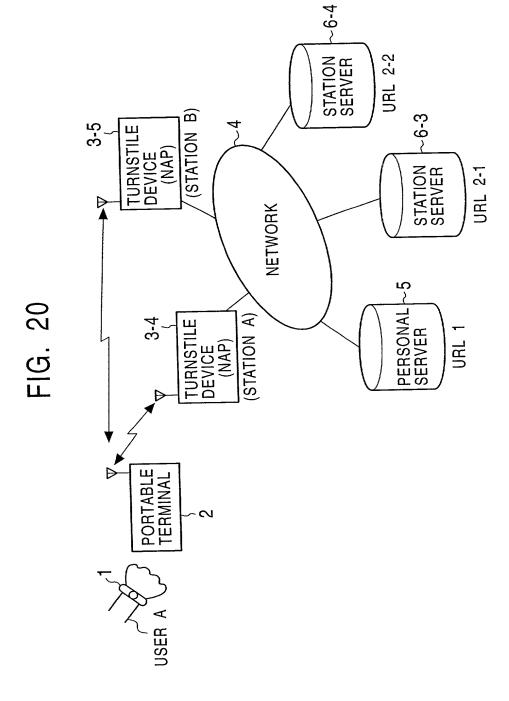


FIG. 19





#### START TICKET-TAKING PROCESSING S111 TURNSTILE DEVICE TRANSMITS URL 2-1. TIME OF TICKET-TAKING, AND ID OF STATION A, TO PORTABLE TERMINAL, WHICH PORTABLE TERMINAL RECEIVES S112 PORTABLE TERMINAL TRANSMITS URL 2-1. TIME OF TICKET-TAKING, AND ID OF STATION A, TO PERSONAL SERVER, AND REQUESTS CONNECTION TO STATION SERVER S113 ESTABLISH COMMUNICATION BETWEEN PERSONAL SERVER AND STATION SERVER PERSONAL SERVER TRANSMITS TIME OF S114 TICKET-TAKING, ID OF STATION A, AND URL 1, TO STATION SERVER S115 STATION SERVER REQUESTS PERSONAL SERVER FOR USER VERIFICATION S116 USER VERIFICATION BY VERIFICATION DATA S117 STATION SERVER STORES URL 1, TIME OF TICKET-TAKING, AND ID OF STATION A **END**

FIG. 22

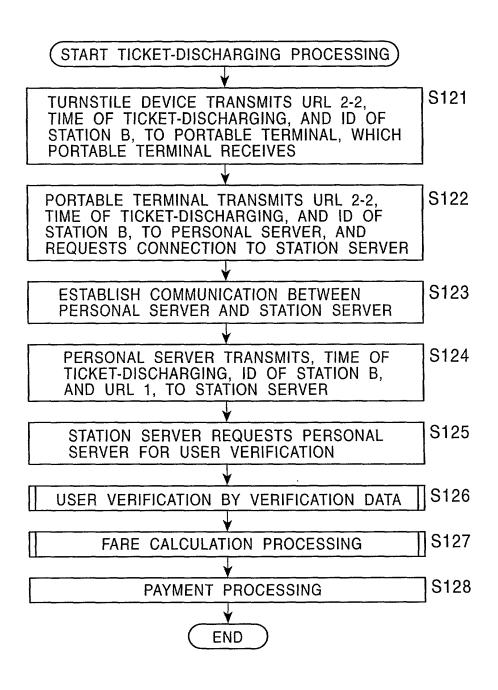


FIG. 23

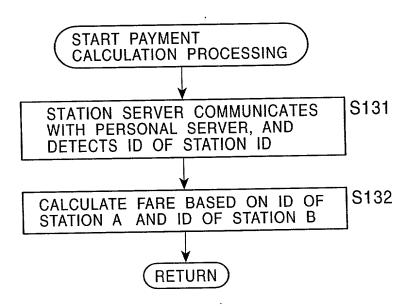
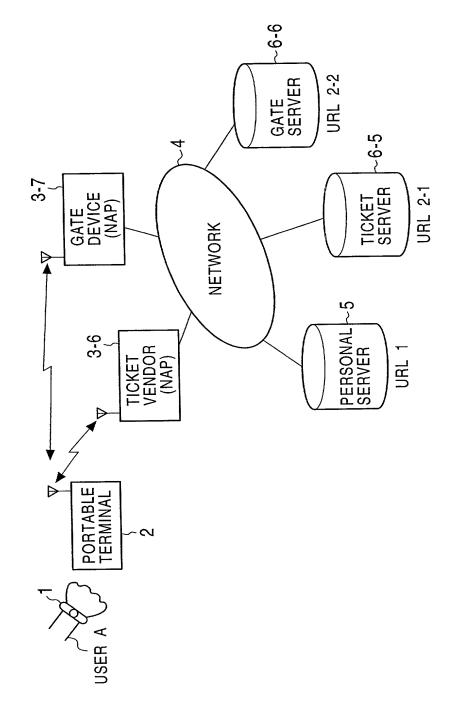


FIG. 24



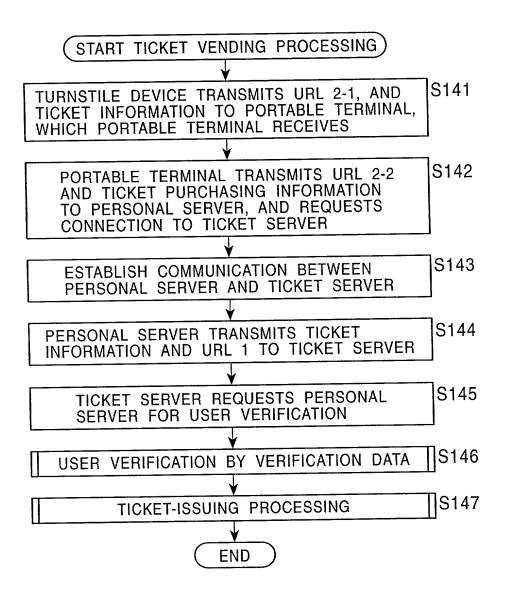


FIG. 26

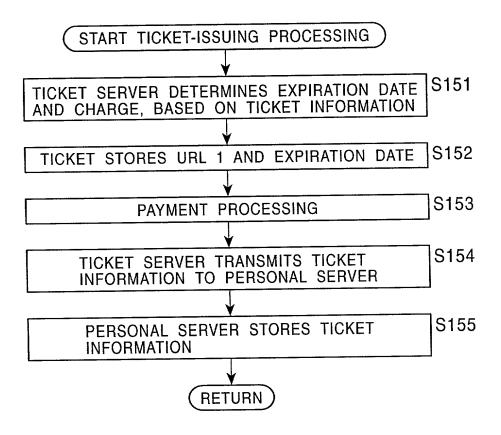
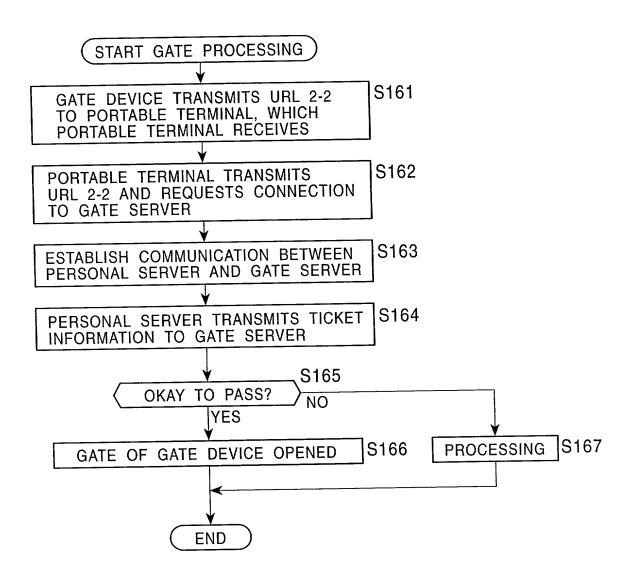


FIG. 27



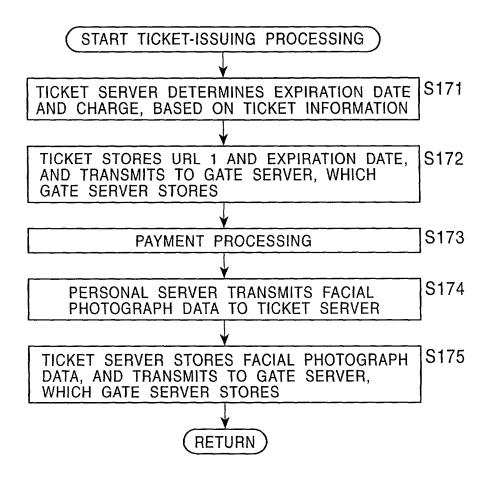
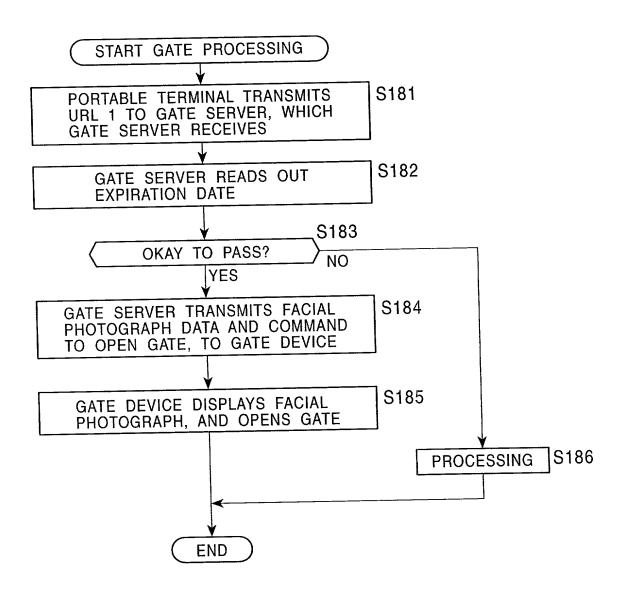


FIG. 29



2-9~ **URL** 2-3 SURVEIL-LANCE SERVER ~6-5 TICKET SERVER URL 2-1 NETWORK \ 5 PERSONAL SERVER URL 1 FIG. 30 POINT B POINT A PASSAGE SURVEIL-LANCE DEVICE က် (ရ-၆ PASSAGE SURVEIL-LANCE DEVICE က် အ-ည 3-9A PORTABLE TERMINAL 3-8A - **<**√ CONCOURSE A d

FIG. 31

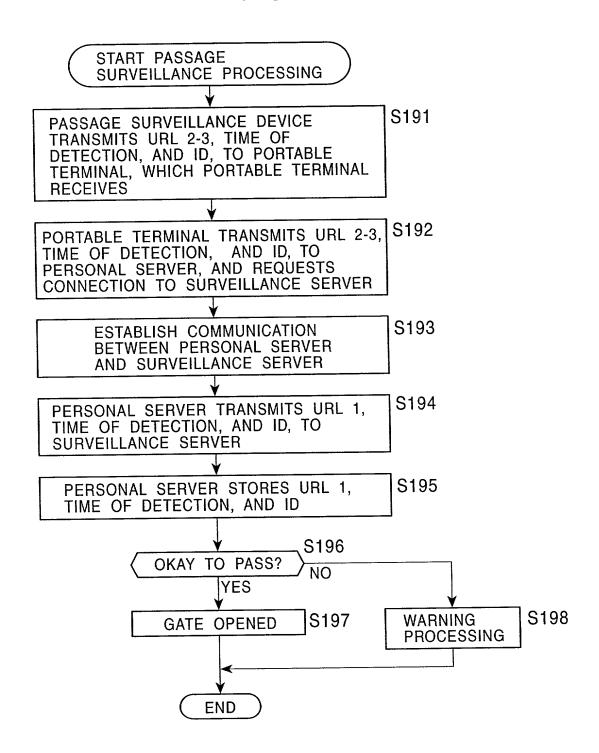


FIG. 32

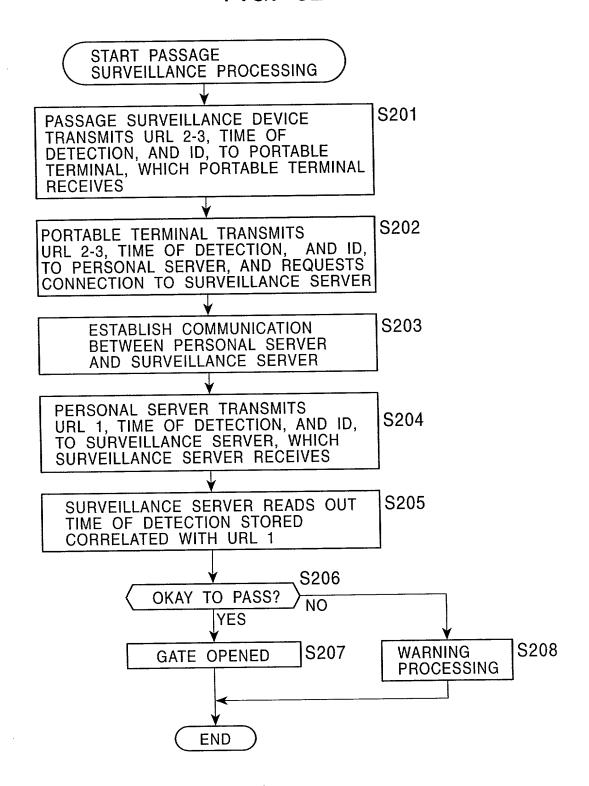


FIG. 33

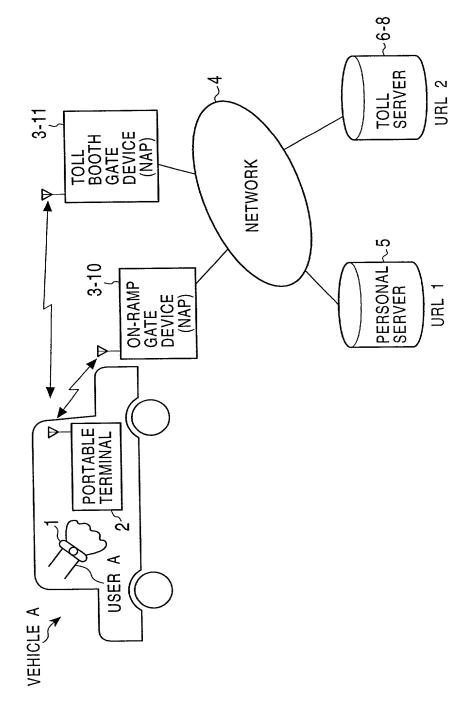


FIG. 34

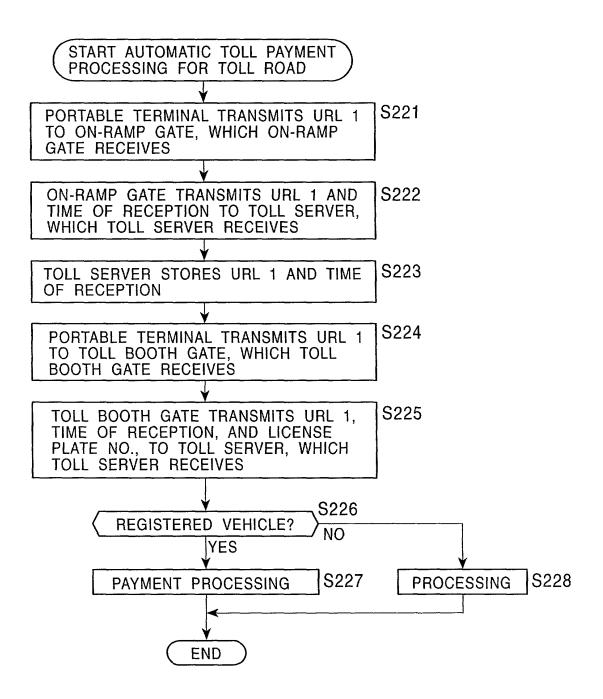


FIG. 35

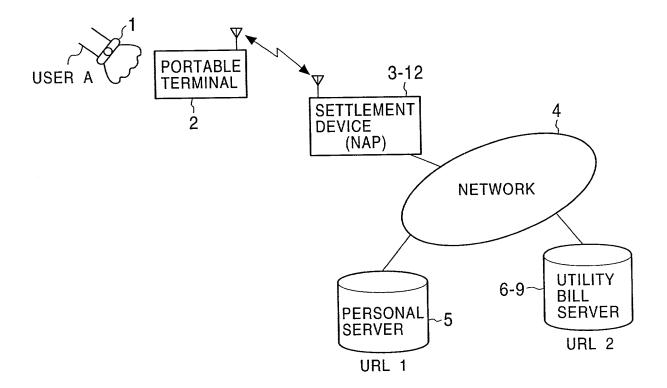


FIG. 36

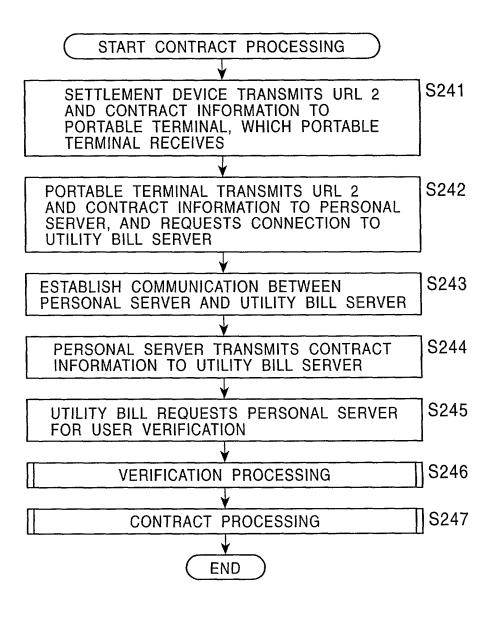


FIG. 37

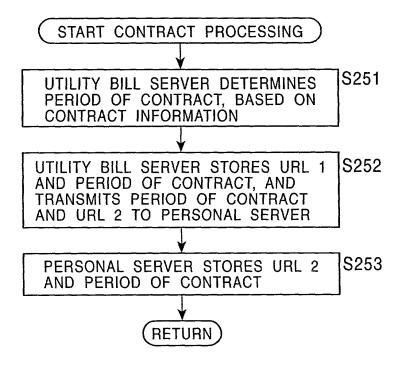


FIG. 38

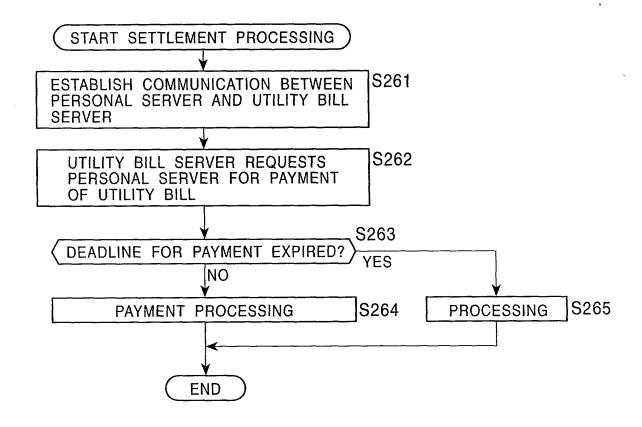
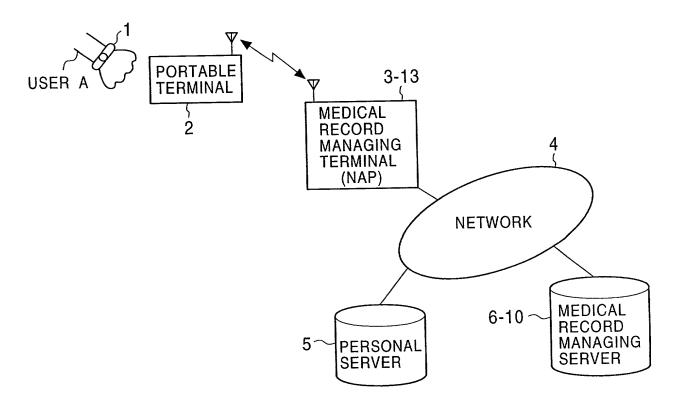
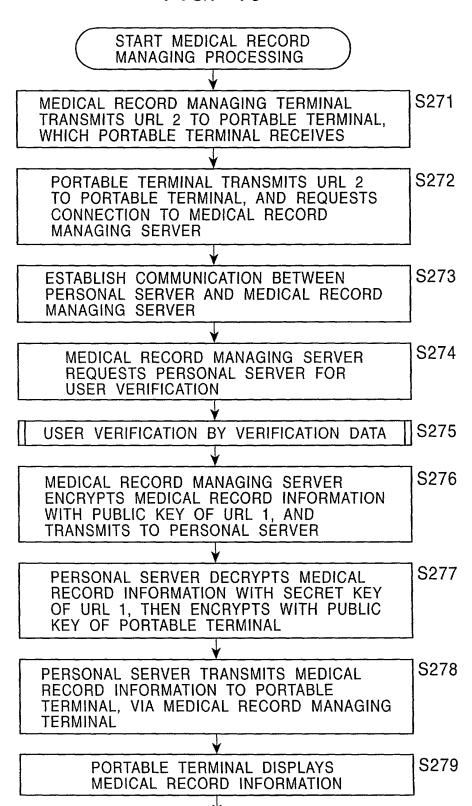


FIG. 39



40 / 44



**END** 

 $\sim$ 6-11

CALCU-LATING SERVER URL 2-1 NETWORK **URL** 2-4 6-13 ~5 **URL** 2-3 PERSONAL SERVER NETWORK ACCESS PORT (NAP)  $\sim 6-12$ FIG. 41 **URL** 2-2 PORTABLE TERMINAL ₽

83

PROVIDER

~6-1

ر ح

PERSONAL SERVER

SERVICE SERVER 82 PUBLIC LINE NETWORK NETWORK BASE STATION <u>~</u> FIG. 42 CELLULAR TELEPHONE (NAP) 3-14 PORTABLE TERMINAL 2

FIG. 43

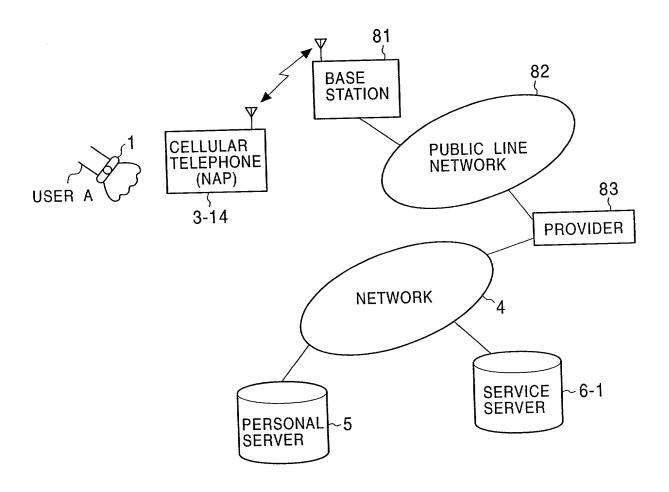


FIG. 44

